

A1
Amended

particular, the framework does not consist of loose particles or fibers consolidated by diamond deposition.

In the Claims

Kindly amend claims 1 and 6 and add new claim 28 as follows:

A2

1. An article comprising diamond deposited on a non-metallic framework material substrate having a porosity sufficient to permit the flow of fluids in at least one direction through the material.

A3

6. An article comprising diamond deposited on a non-metallic open-cell foam substrate having a porosity sufficient to permit the flow of fluids in at least one direction through the material.

A4

28. An article comprising:

a non-metallic reticulated unitary structure;

an interlayer coated on said non-metallic reticulated unitary structure;

a diamond layer deposited on said interlayer configured to form a contiguous open structure configured for fluid flow in more than one axis through said contiguous open structure.
